Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 24 Jun 2023 until 23:59 on Sunday 25 Jun 2023

Forecast Issued on Saturday 24 Jun 2023 at 04:11

Confidence: High confidence in the general outlook with a mixed, but very warm and humid spell of weather this weekend, before a change to cooler and fresher conditions early next week with occasional rain or showers. Moderate confidence for the risk of thunderstorms moving east on Sunday.

Headline for Saturday 24 Jun 2023: A dull start with some local rain or drizzle. Drier, brighter and much warmer later. Feeling humid.

Mountain weather hazards on Saturday 24 Jun 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Dull	Cloudy	Cloudy	Sunny intervals	Partly cloudy (night)
Precipitation probability					
20%	20%	10%	10%	<05%	00%

Forecast for Saturday 24 Jun 2023

Weather: Overcast and rather breezy this morning, with areas of hill fog and perhaps some patchy light rain or drizzle, especially across southern and western areas. Turning drier and brighter this afternoon with winds easing a little and some sunnier spells eventually developing. Feeling increasingly warm and humid.

Chance of cloud-free hill tops above 600m: 30% on southern and western upslopes, with 60% in the north and east at first. Improving to 95% by early afternoon.

Low cloud and visibility: Fairly extensive low cloud at first, with bases down to 300-400m mainly in the south and west, but generally 500-600m in the north and east with more breaks. Conditions improving with cloud bases lifting above the summits by early afternoon and breaking with time. Visibility will be generally good, but moderate or poor in rain and drizzle and low cloud during the morning, improving to becoming mostly very good in the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Saturday 24 Jun 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/25 SW	20/24 SW	15/21 SW	13/18 SW	8/11 SW	11/17 SE	16/25 S
300	14/18 SW	13/16 SW	13/18 SW	11/16 SW	6/9 SW	9/16 SE	12/21 S
Valley	7/17 SW	9/16 SW	8/16 W	8/15 SW	5/10 W	6/17 SE	7/20 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/11	15/12	17/15	19/17	20/19	19/17	18/15
300	16/14	18/16	20/18	22/20	23/23	21/20	20/18
Valley	17/17	19/18	21/20	24/23	23/24	20/20	19/18
Freezing Level*	3400m	3400m	3400m	3400m	3400m	3300m	3200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Fairly challenging navigation conditions are expected in the early to mid-morning period in the south and west given rather persistent low cloud. Late sunshine that develops will still be strong, so adequate sun protection is recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 24 Jun 2023	2.6mm	2.6mm	4.2mm

Forecast for Sunday 25 Jun 2023

Weather: Dry and largely sunny through the morning and becoming very warm or hot and humid. Cloud building by early afternoon, perhaps to give the odd locally heavy thunderstorm with hail and gusty winds. A band of heavy, perhaps locally torrential rain, with a risk of embedded thunder moves east across the Peak District mid to late afternoon. Drier and brighter by the early evening, though still a risk of isolated showers or thunderstorms. Turning much fresher later.

Maximum wind: Southerly 15-20mph, with gusts 25-30mph. A chance for gusts around 40-50mph with thunderstorms during the afternoon. Winds veering west or southwesterly later.

Chance of cloud-free hill tops above 600m: 95%, lowering to 40% in afternoon rain or showers. 80% by early evening.

Low cloud and visibility: Cloud above summits at first and good or very good visibilities with a slight haze. Extensive cloud to around 400-600m on passage of rain band in the afternoon, especially in the west, deteriorating to poor or locally very poor visibility. Bases lifting later in the afternoon or early evening with occasional scattered or broken base above 600m, with patches below in any showers or thunderstorms and generally very good visibility.

Temperature: **Valleys:** Plus 17 Celsius rising to Plus 27 Celsius during the day.
At 600m: Plus 17 Celsius increasing to Plus 20 Celsius by day, lowering to 11 Celsius by midnight.
Freezing level: Above summits.

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